

In re Appn. of: Nevin Jenkins
Appn. No.:10/666,554
Attorney docket: 7200-A03-026

Group Art Unit:2841

Claims 1 to 14 (Cancelled)

15. (New) A sun dial comprising a cylindrical housing having a central upstanding post, a light detector mounted on the top of the upstanding post exposed to detect ambient light, a logic circuit mounted in the housing for processing detected light including a timing circuit for resetting the logic circuit at 24 hour periods, a plurality of tactile switches for controlling the logic circuit mounted in the housing adjacent its top surface arrayed arcuately adjacent the peripheral edge of the top surface of the housing over an arc of about 60 degrees, at least three LEDs controlled by the logic circuit arrayed in an about 60 degree arc on the top surface of the housing adjacent its periphery diametrically opposed to the tactile switches, indicia marked on the top surface of the housing associated with the LEDs to indicate at least three conditions of sunlight, whereby the logic circuit processes the detected light to determine the condition of sunlight and when controlled by a selected tactile switch an associated LED will light to show the current condition of sunlight, and when controlled by another selected tactile switch an associated LED will light to show the average sunlight.

16. (New) A sun dial according to claim 15 where a locking circuit is included in the logic circuit to prevent the logic circuit from resetting before the lapse of the 24 hour period, and if reset is improperly attempted, the logic circuit causes the LEDs to flash as an indication thereof.

17. (New) A sun dial according to claim 15 wherein the logic circuit includes a threshold circuit to determine whether the sunlight detected is above a minimum amount, and to subtract the time when the detected sunlight or absence thereof is below the minimum.